Dames 1-(273) 383-610	Submit 1 Copy To Appropriate District	State of New Mex			Form C-103
Dillace III - 0737 744-123 Dillace III - 0737 745-123 Dillace III - 0747 745-123 Di	<u>District 1</u> – (575) 393-6161	Energy, Minerals and Natura	al Resources		August 1, 2011
Diametul - 665 334-6198 Diametul - 665 334-6198 Santa Fe, NM 87505 Santa Fe, NM 875	District II - (575) 748-1283	OIL CONSERVATION	DIVISION	30-059-2054	15
Santa Fe, Nim 8705 6. State Oil & Gas Lease No.	<u>District III</u> - (505) 334-6178	1220 South St. France	cis Dr.		ē
SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DAILL OR TO DESIPES OR PLUS BACK TO A DOPPSEARCH TESTILACTION FOR PRINTER (PORMACETO) FOR SUCH BRAUD DOME 19.35 Well Number 362 S. Well Number 362	District IV - (505) 476-3460	Santa Fe, NM 875	505		
DONOT USE THIS FORM TOR PROPOSALS TO DRILL OR TO DEEPEN OR PELLO BACK TO A DEFERENCY RESERVOR. USS PAPILATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: Oil Well Gas Well Other S. Well Number 36.2	87505				
Type of Well: Oil Well Gas Well Other S. Well Number 362	(DO NOT USE THIS FORM FOR PROPO	OSALS TO DRILL OR TO DEEPEN OR PLUC		^	ement Name
2. Name of Operator 2. Name of Operator 2. Name of Operator 3. Address of Operator 4. Well Location 4. Well Location Unit Letter Section 3. County Union 11. Elevation (Show whether DR, RRB, RT, CR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON TEMPORARRY ABANDON CHANSE PLANS OOWNHOLE COMMINGLE OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Spud Date: Rig Release Date: 1. Proport of the West Line and		ICATION FOR PERMIT" (FORM C-101) FOR	RSUCH		1935
3. Address of Operator PO BOY 4294, Houston TX. 77210 10. Pool name or Wildest PO BOY 4294, Houston TX. 77210 6 County Union 4. Well Location Unit Letter 1000 feet from the South line and 1700 feet from the Uest line Section 36 Township 19 Range 35 E NMPM County Union 11. Elevation (Show whether DR, RKB, RC GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CASING/CEMENT JOB PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Spud Date: Spud Date: Rig Release Date: 9 111 Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Rig Release Date: 9 111 Type or primt name L. Ki Ki Lockett E-mail address: Ki Ki Lockett@org.comptone: 113-215-76/13 Type or primt name L. Ki Ki Lockett E-mail address: Ki Ki Lockett@org.comptone: 113-215-76/13 APPROVED BY. APPROVED BY. APPROVED BY. ATTILE DISTRICT SUPERVISOR DATE \$\frac{3}{2} \frac{3}{2} \frac{1}{2}		Gas Well Other		٧٠	02
4. Well Location Dist Letter Section 3.6 Township 19 Range 3.5 NMPM 11. Elevation (Show whether DR, RRB, RT GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CASING/CEMENT JOB PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB OWNHOLE COMMINGLE OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Spud Date: Rig Release Date: 1 hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Type or print name L. Ki Ki Ockett E-mail address: Ki Ki Lockett@Ory.comptone: 113-215-76/13 APPROVED BY: Lambar TITLE DISTRICT SUPERVISOR DATE \$1.35.12.12.12.12.12.12.12.12.12.12.12.12.12.	UKA	USA Inc.		16646	
Well Location	3. Address of Operator	all thousand		Δ .Δ	
Section 36 Township 19 N Range 35 E NMPM County UNION 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS PAND A CASING/CEMENT JOB CASING/	4. Well Location	99, FOUSTON IX.	11010	bravo Dome	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK PLUG AND ABANDON CASING-CASING COMMENCE DRILLING OPPLS PAND A CASING-CEMENT JOB OTHER: OTHER: OTHER: OTHER: OTHER: OTHER: OTHER: OTHER: Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DATE 3/30/12 Type or print name L. Ki Ki Lockett E-mail address: Ki Ki Lockett @ DISTRICT SUPERVISOR DATE 3/32/2/2	Unit Letter:			00 feet from the W	est line
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS ALTERING CASING COMMENCE DRILLING OPNS OF PAND A CASING/CEMENT JOB COMMENCE DRILLING OPNS OF PAND A CASING/CEMENT JOB COMMENCE COMMENCE DRILLING OPNS OF PAND A CASING/CEMENT JOB COMMENCE OF PAND A CASING/CEMENT JOB COMMENT JOB COMM	Section 3ψ			NMPM County	UNION
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APPROVED BY: North TITLE DISTRICT SUPERVISOR DATE 8/25/20/2	SIGNATURE & Je	chet TITLE Re	g. analy	S+ DATE 3	30/12
APPROVED BY: North TITLE DISTRICT SUPERVISOR DATE 8/25/20/2	Type or print name L. Ki Ki	Lockott E-mail address:	Kiki-locket	Hary amphone: 11.	3-215-7647
APPROVED BY: North TITLE UISIKICI SUPERVISOR DATE 8/25/2012 Conditions of Approval (if any)	For State Use Only			V	
		Yarton TITLE USI	KICI SUPER	KVISOR DATE 8/	25/2012

Operation Summary Report

BRAVO DOME UNIT 1935 362K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT Start Date: 8/29/2011

End Date: 9/1/2011 Rig Name: TRINIDAD 208

		End Date: 9/1/2011 Rig Name: TRINIDAD 208
# Date	Time	Hirs Op Details
1 08/28/2011	Start-End (0) 15:00 - 00:00	9.00 WAIT ON TRUCKS, AND DAY LIGHT.
2 08/29/2011	00:00 - 07:00	7.00 WAIT ON TRUCKS, AND DAY LIGHT.
2 00/20/2011	07:00 - 07:30	0.50 PJSM WITH RIG CREW AND DRIVERS: STOP WORK AUTHORITY, TAG LINES, FALL PROTECTION, 5
	07.00 - 07.00	MPH ON LOCATION, 30' BUFFER WHILE LOADING/UNLOADING, PPE
	07:30 - 12:30	5.00 BEGIN MOVING TO BDU 1935-362K, MADE SURE ALL HIGH LINE SIGNS WERE OUT.
	•	DEDDION LEET LOCATION & 40.00 AM EVEDYTHING WAS OFF LOCATION BY 40.45
		DERRICK LEFT LOCATION @ 10:00 AM. EVERYTHING WAS OFF LOCATION BY 12:45
		10:00 HOURS SAFETY BREAK: DISCUSSED REFRESHER ON SAFETY REQUIREMENTS FOR DRIVERS
		AND RIG HANDS. REMINDED TRUCERS TO USE SPOTTERS WHILE BACKING
	12:30 - 16:30	4.00 MOVE IN AND RIG UP. DERRICK UP @ 13:00.
		MIX SPUD MUD, MAKE UP BIT, AND STRAP BHA.
		14:30 HOURS RIG 100% ON LOCATION
		ACCEPTED RIG @ 15:30 HOURS
	40,20 47,00	14:00 HOURS SAFETY BREAK: DISCUSSED FOR HYDRATION, AND RIGGING UP.
	16:30 - 17:30 17:30 - 21:30	1.00 CONTINUE TO MIX SPUD MUD AND GET READY TO SPUD IN.
	17.30 - 21.30	4.00 DRILL 12.25" SURFACE HOLE FROM GL TO 402', CUT 402 ' AVG 100.5' FPH CIRC STEEL PITS TO 150', RET TO RESERVE, 75 RPM, 25K WOB, 340 GPM. 700 PSI PUMP PRES. MW 8.5 VIS 38
		DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
	21:30 - 00:00	2.50 DRILL 12.25" SURFACE HOLE FROM 402' TO 572', CUT 170 ' AVG 68' FPH
	٠.	CIRC RESERVES, 65 RPM, 15K WOB, 340 GPM. 760 PSI PUMP PRES. MW 8.5 VIS 38
		SURVEY @ 400 = 0.5
0.00/00/0044	00:00 00:00	DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
3 08/30/2011	00:00 - 03:30	3.50 DRILL 12.25" SURFACE HOLE FROM 572' TO 800', CUT 228 ' AVG 65' FPH CIRC RESERVES, 65 RPM, 15K WOB, 340 GPM. 760 PSI PUMP PRES. MW 8.5 VIS 38
		DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
	03:30 - 04:00	0.50 PUMP HI VIS SWEEP, CIRC HOLE CLEAN
	04:00 - 07:30	3.50 WHILE CIRCULATING, LOST TOTAL RETURNS. REDUCED PUMP RATE AND RECIPROCATED PIPE. SPOKE TO FIELD SUPERINTENDENT AND MIXED 100 BBL FULL LOSS LCM PILL AS FOLLOWS.
		NOTE: WHILE MIXING UP LCM PILL NOTICED WE HAD 30K DRAG. I HAD THE CREW PUMP VISCOUS SWEEP TO CLEAN HOLE AND GOT BACK 65% INCREASE IN CUTTINGS RANGING FROM 1/16" TO 1/8" IN DIAMETER. HOLE CAME CLEAN AND WE CONTINUED ON AS PLANNED.
		BENTONITE: 25 SKS
		CEDAR FIBER: 38 SKS
		FIBER SEAL: 38 SKS PECAN NUT PLUG: 30 SKS
		,
		WHILE MIXING PILL, DUMPED DRILLING PAPER AND CEDAR FIBER AT SUCTION. GAINED FULL RETURNS @ APPROX. 40 BBLS PUMPED. DECISION WAS MADE TO SPOT 40 BBL LCM PILL PRIOR TO
	07:30 - 09:00	TOH FOR CASING RUN. 1.50 MADE A WIPER TRIP TO MAKE SURE THE HOLE WAS FREE AND CLEAR FOR OUR FUTURE CASING
	37.30 - 08.00	JOB. WHEN TRIPPING BACK IN THE HOLE HAD TO WASH AND REAM 30' FROM 650' TO 680'
	09:00 - 10:00	1.00 PUMP A VISCOUS SWEEP WITH 10PPB. LCM. GOT BACK ABOUT A 10% INCREASE IN CUTTINGS, AND FINISHED CIRCULATING WITH 1X BOTTOMS UP AND SPOTTING A PILL. HOLE WAS CLEAN.
	10:00 - 11:00	1.00 TRIP OUT OF THE HOLE TO RUN SURFACE CASING WITH NO PROBLEMS.
		CLIDI/EV @ 0001 75°
	11:00 - 13:00	SURVEY @ 800' .75° 2.00 PJSM - RIG UP & RUN 18 JTS. 8 5/8", 24#, J-55, ST & C, SURFACE CASING:
		1 - 8 5/8" TEXAS PATTERN SHOE50'
		1 - SHOE JOINT
		1 - INSERT FLOAT
		· · · · · · · · · · · · · · · · · · ·

San Sanger	<u> </u>	
		OXY USA INC
		Operation Summary Report
Well:	BRAVO DOME UNIT 193	35 362K Event Name: DEV DRILLING
Project:	BRAVO DOME	Prim. Reason: ORIG DRILL VERT
Site:	BRAVO DOME CO2 UNI	T Start Date: 8/29/2011
		End Date: 9/1/2011 Rig Name: TRINIDAD 208
#57	CONTRACTOR OF THE PARTY OF THE PARTY.	Hrs Op Details
The Section	Start-End 13:00 - 13:30	0.50 RIG UP HALLIBURTON CEMENT HEAD, AND CIRCULATE 2X BOTTOMS UP
	13:30 - 14:30	The state of the s
		PUMP A 20 BBL FRESH WATER SPACER - PUMP RATE = 5 BBL/MIN
1	to the second se	PUMPED 120 BBLS (500 SACKS) OF 14.8 PRG PREMIUM PLUS CEMENT - 2% CaCl2
		- 2% Caciz - 0.25 lbm/sk Poly-E-Flake
	100	- YIELD: 1.35 CUFT/SACK
		- PUMP RATE = 6 BBL/MIN
		- PRESSURE = 140 PSI
,		DISPLACED WITH 46 BBLS OF FRESH WATER
٠		- PUMP RATE = 5.5 BBL/MIN
		- PRESSURE = 302 PSI
	•	- FINAL @ 2BPM = 302 PSI
		BUMPED PLUG @ 14:36 AND PRESSURED UP TO 640 PSI HELD FOR 5 MIN. GOT BACK .5 BBL TO
		TRUCK FLOATS HELD.
		CHIL DETURNO TURNICULA IAR
		FULL RETURNS THROUGHOUT JOB GOT BACK 56 BBL (233 SKS) TO SURFACE.
	14:30 - 15:00	
•	15:00 - 18:30	
	18:30 - 22:30	
	22:20 00:00	SLIP AND CUT DRILL LINE, REPLACE COMPRESSOR ON RIG FLOOR
	22:30 - 00:00	1.50 FINISH N/U BOP AND MU TEST PLUG TO 5.5" CASING JT. TEST BOP TO 250 PSI LO, 1000 PSI HI. GOOD TEST.
4 08	8/31/2011 00:00 - 01:30	
		-
		INSTALLED STRIPPING RUBBER
		SAFETY BREAK: HANDLING PIPE
	01:30 - 03:30	
		OUT FLOAT AND CEMENT
	03:30 - 06:00	·
		CIRC STEEL PITS, 65 RPM, 30K WOB, 340 GPM. 940 PSI PUMP PRES. MW 8.5 VIS 38
		DROP SWEEP STICKS 3RD EVERY CONNECTION & PUMP SWEEP AS NEEDED
*	06:00 - 10:00	
		CIRC STEEL PITS, 65 RPM, 30K WOB, 340 GPM. 940 PSI PUMP PRES. MW 8.5 VIS 38
		DROP SWEEP STICKS 3RD EVERY CONNECTION & PUMP SWEEP AS NEEDED
		DROP SWEET STICKS SKD EVERT CONNECTION & FORM SWELL AS NEEDED
	· · · · · · · · · · · · · · · · · · ·	SAFETY BREAK: DISCUSSED GOOD COMMUNICATION
	10:00 - 14:00	· · · · · · · · · · · · · · · · · · ·
		35/40K WOB, 70 RPM, 340 GPM, 1035 PSI PUMP PRES. CIRC RESERVE PIT MW 8.9 VIS 36
		SURVEY @ 1276 = 1°
		55KHZ. G. 12.3
		DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
	14:00 - 18:00	
		35/40K WOB, 70 RPM, 340 GPM, 1035 PSI PUMP PRES. CIRC RESERVE PIT MW 8.9 VIS 36
		1600: VEHICLE INCIDENT. WHILE MOVING MUD WITH FORKLIFT, HAND BACKED INTO A PARKED
٧		WATER TRUCK. NO INJURIES AND REPORT WAS FILED WITH OXY SAFETY REP AND FIELD
		SUPERINTENDENT
		DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		DRUP SOAP STICKS EVERT CONNECTION AT OWN GWELL AND GWELL CHICK EVERT THING.
•		

8/8/2012 8:30:40AM

Operation Summary Report

		LANGE M		Operai	ion Summary	кероп		
Well:	BRAVO	DOME UNIT 1935	362K	Event Name:	DEV DRILLING			4 4 7 7 7 7
Project:	BRAVO	DOME		Prim. Reason:	ORIG DRILL VERT			
Site:	BRAVO	DOME C02 UNIT		Start Date:	8/29/2011			
				End Date:	9/1/2011	Rig Name:	TRINIDAD 208	
ૢૻ #ૢ૾૾ૢ૽૽ૼૢૺૺૺૺૢ૿			Hrs. Op Details.					
	4. 57	Start-End 18:00 - 22:00	4 00 DDII 1 7 7/8	" PPOD HOLE F	1520' TO 1845', CUT	325' AVG 81' EDH	and the second s	
		10.00 - 22.00				PRES. CIRC RESERVE PIT	MW 9.1 VIS 32	
						* *		,
			SURVEY @	1762 = .75°	**************************************			
		,	DROP SOA	P STICKS EVER	RY CONNECTION & P	UMP SWEEP AND SWEEP S	TICK EVERY THIRD.	
		22:00 - 00:00	2.00 DRILL 7 7/8	" PROD HOLE F	1845' TO 1971', CUT	126', AVG 63' FPH,		
			35/40K WO	B, 70 RPM, 340	GPM, 1035 PSI PUMP	PRES. CIRC RESERVE PIT	MW 9.0 VIS 39	
			DROP SOA	P STICKS EVER	RY CONNECTION & P	UMP SWEEP AND SWEEP S	TICK EVERY THIRD.	
5 09	9/01/2011	00:00 - 04:00	1 6 51		1971' TO 2134', CUT			*
			35/40K WO	B, 70 RPM, 340	GPM, 1035 PSI PUMP	PRES. CIRC RESERVE PIT	MW 9.0 VIS 39	
* • •			CIMARRO	I IDENTIFIED @	10001 2011			
1,			CINIARRON	I IDENTIFIED @	1900 - 2011			1773
			DROP SOA	P STICKS EVER	RY CONNECTION & P	UMP SWEEP AND SWEEP S	TICK EVERY THIRD.	
		04:00 - 04:30			2134' TO 2161', CUT			
			35/40K WO	B, 70 RPM, 340	GPM, 1035 PSI PUMP	PRES. CIRC RESERVE PIT	MVV 9.0 VIS 39	
			DROP SOA	P STICKS EVER	RY CONNECTION & P	UMP SWEEP AND SWEEP S	TICK EVERY THIRD.	
		04:30 - 05:30	1.00 PUMP A VI	SCOUS SWEEP	AND CIRCULATE 2 X	BOTTOMS UP TO CLEAN H	OLE FOR 5.5" CSG	
		05:30 - 08:30	3.00 TOH TO RU	JN 5.5" PRODUC	CTION CASING			
			SURVEY @	. 2161 = 2°				
		08:30 - 09:00	· · · · · · · · · · · · · · · · · · ·		TH RIG CREW ON RU	JNNING CASING		
		09:00 - 11:00	-		CASING TO 2146'		F. 19	
					,			
			- GUIDE SH					
				JOINT - 2145' LOAT - 2135'				
		•	- 53 JTS OF	5 1/2" 15.5# J-5	55 LTC FROM 2135' T	O SURFACE		
		11.00 - 12:00	•		MENT HEAD, AND CI	RC 2X BOTTOMS UP. PJSM	WITH HALLIBURTON AND	
		12:00 - 13:30	. RIG CREW 1.50 PUMPED C		FOLLOWS			
			- 20 BBL FF	RESH WATER S	PACER AT 5.5 BBL/M	IN AND 175 PSI		
			- 202.5 BBI	OF PREMIUM	PLUS MIDCON 2 W/2	% CC, LEAD CEMENT		
				.1 PPG		,		
				IELD = 3.25 CUF				
				!5 LBM POLY-E- JMP RATE = 8 E				
				UMP PRESSUR				
			40.4.05.5		MIDCON MIDOL CO	•		
				· 13.2 PPG	MIDCON W/2% CC			
				YIELD = 1.85 C	UFT/SACK		•	
				· .25 LBM POLY- · PUMP RATE =				
				· PUMP PRESSU				
			- DISPLACE	WITH 50.8 BBL	S OF FRESH WATER	R		
			BUMPED P	LUG AT 1069 PS	SI			
			RETURNED	0.5 BBL TO TR	UCK, FLOAT HELD	,		
			CIDCUI ATI	ED 433 DDL (000	SENE) TO SUBEACE			
			CIRCULATI	ED 192 BBF (55g	BSKS) TO SURFACE			
			RIG DOWN	HALLIBURTON				
		13:30 - 17:00	3.50 BACKED O	UT LANDING JO	DINT			
in the second		The second secon	NIPPLE DO	WN BOP, AND	JÉŤ PITS			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		en jakous kaj lingvije je de jeden je De jeden	init the bo	ANT COLLAND.	:-:::::::::::::::::::::::::::::::::::::		And the second s	
	<u> </u>	to the state of	RELEASE F	RIG TO THE BDI	J_ 1835-102G @ 17:0	00 HOURS	agging agent at the first time of the second	Sala Sala
i								

8/8/2012 8:30:40AM

Casing Report

 Well:
 BRAVO DOME UNIT 1935 362K
 Event Name:
 DEV DRILLING
 Report Date:
 9/1/2011

 Project:
 BRAVO DOME
 Prim. Reason:
 ORIG DRILL VERT
 Report No.:
 2

Site: BRAVO DOME C02 UNIT Start Date: 8/29/2011 Wellbore: 00

Active Datum: Original KB @4,459.90ft (above Mean Sea Level) End Date: 9/1/2011

	Assembly			Casing Flange		Status History
Assembly Name:	PRODUCTION CASING	Weight in Slips:	Manufacturer:	VETCO GRAY	9/1/2011	INSTALLED
Nom. Size:	5.500 (in)	Hours Circ:	Model:	VG CWCT		
Top MD:	7.00 (ft)	Fluid Lost:	Hanger Model:			
Landed MD:	2,146.45 (ft)	Vol Fluid Lost:	Packoff Model:			•
Assembly Length:	: 2,139.45 (ft)		Top Flange Size/Rating:	9.000 (in)/3000 (psi)		
Liner Overlap:			Btm Flange Size/Rating:			

				Hada all										
Component Name	Jts∋	∠Length ↓		Btm MD	Nominal		Drift ID	Weight	Grade	Threads	Manufacturer	Model	Serial No.	Cond
		, (ft) , (ft)		(ft)	OD (in)	ID (in)	* (in)	(ppf)						
	1	0.70	7	7.70	5.500	4.950	4.825			1				
CASING JOINT(S)	52	2,127.52	8	2,135.22	5.500	4.950	4.825	15.50	J-55	STC				
INSERT FLOAT	1	0.00	2135	2,135.22	5.500	4.950	4.825							
SHOE JOINT	1	10.48	2135	2,145.70	5.500	4.950	4.825	15.50	J-55	STC	N 20 20 20 20 20 20 20 20 20 20 20 20 20			, a 2.3
GUIDE SHOE	1	0.75	2146	2,146.45	5.500	4.950	4.825							

Remarks



Casing Report

Well:	BRAVO DOME UNIT 1935 362K	Event Name:	DEV DRILLING	Report Date:	9/1/2011	The state of the s
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	2	
Site:	BRAVO DOME C02 UNIT	Start Date:	8/29/2011	Wellbore:	00	
Active D	atum: Original KB @4,459.90ft (above Mean	Sea Level) End Date:	9/1/2011			

	Assembly			Casing Flange		Status History
Assembly Name:	PRODUCTION CASING	Weight in Slips:	Manufacturer:	VETCO GRAY	9/1/2011	INSTALLED
Nom. Size:	5.500 (in)	Hours Circ:	Model:	VG CWCT		
Top MD:	7.00 (ft)	Fluid Lost:	Hanger Model:			
Landed MD:	2,146.45 (ft)	Vol Fluid Lost:	Packoff Model:			
Assembly Length:	2,139.45 (ft)	•	Top Flange Size/Rating:	9.000 (in)/3000 (psi)		
Liner Overlap:			Btm Flange Size/Rating:			

						47.75.	Comp	onents	20, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,					
Component Name	, Jts	Length (ft)		Btm MD	Nominal OD (in)	Nominal ID (in)	(in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
	1	0.70	7	7.70		4.950	4.825							
CASING JOINT(S)	52	2,127.52	8	2,135.22	5.500	4.950	4.825	15.50	J-55	STC			*	
INSERT FLOAT	1	0.00	2135	2,135.22	5.500	4.950	4.825							
SHOE JOINT	.1	10.48	2135	. 2,145.70	5.500	4.950	4.825	15.50	J-55	STC				,
GUIDE SHOE	1	0.75	2146	2,146.45	5.500	4.950	4.825							

	Remarks	

Casing Report

Well:	BRAVO DOME UNIT 1935 362K	Event Name:	DEV DRILLING	Report Date:	8/29/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	1
Site:	BRAVO DOME C02 UNIT	Start Date:	8/29/2011	Wellbore:	00
Active Da	atum: Original KB @4,459.90ft (above Mean Sea Level)	End Date:	9/1/2011		

	Assembly		Casing Flange		Status History
Assembly Name:	SURFACE CASING	Weight in Slips:	Manufacturer:	8/29/2011	INSTALLED
Nom. Size:	8.625 (in)	Hours Circ:	Model:		
Top MD:	7.00 (ft)	Fluid Lost:	Hanger Model:		
Landed MD:	786.97 (ft)	Vol Fluid Lost:	Packoff Model:		
Assembly Length:	779.97 (ft)		Top Flange Size/Rating:		·
Liner Overlap:			Btm Flange Size/Rating:		

	MI ST						Comp	ponents						
Component Name	all	Length (ft)		Btm MD (ft)	Nominal OD (in)	Nominal ID (in)	Drift ID (in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
CASING JOINT(S)	18	735.57	7	742.57	8.625	8.097	7.972	24.00	J-55, LT	8RD				NEW
INSERT FLOAT	1	0.00	743	742.57	8.625	8.097	7.972	24.00	J-55, LT	8RD				NEW
SHOE JOINT	1	43.40	743	785.97	8.625	8.097	7.972	24.00	J-55, LT	8RD				NEW
TEXAS PATTERN SHOE	12	1.00	786	786.97	8.625	8.097	7.972	24.00	J-55, LT	8RD	A TAN TO THE STATE OF THE STATE			NEW

PATERIA VALLAGIA DA ALAMATA		A Property of the Control of the Con	CHIEF THE LANGE HOLD IN THE SECOND SHOPE	CHICAGO TO THE TOTAL
		Remarks		CARL CONTRACTOR OF THE PARTY OF
	•			

PRIMARY Cementing Report

BRAVO DOME UNIT 1935 362K

DEV DRILLING

Report Date: 8/29/2011

Project: BRAVO DOME

BRAVO DOME CO2 UNIT Site:

Prim. Reason: ORIG DRILL VERT Report No.:

Active Datum: Original KB @4,459.90ft (above

Start Date:

Wellbore:

Mean Sea Level)

End Date:

8/29/2011 9/1/2011

00

General Job Information

HALLIBURTON Contractor: WOC Time:

Cemented Assembly: SURFACE CASING

Assembly Size:

8.625 (in)

Actual TOC MD:

7.00 (ft)

Foam

Assembly Btm MD:

787 (ft) TOC Locate Method: Cmt Returns at Surf

Cement:

Not Ready to FN

Assembly Set Date: Hole Size:

08/29/2011 Total Slurry in Well: Excess Slurry Volume:

120.2 (bbl)

Static BHT: Returns:

Volume Lost

12.250 (in)

Est Cmt Vol Returns to Surf:

56.0 (bbl)

Pipe Movement - No Movem	ent -		
See 1" the Tribertal	Rotating		Reciprocating
Rotating Start:	Init Rot. Torque: (ft-lbf)	Reciprocate Start:	Stroke Length:
Rotating End:	Avg Rot. Torq.:	Reciprocate End:	Drag Wt. Up:
Rotating RPM:	Max Rot. Torg.:	Reciprocate SPM:	Drag Wt. Down:

ROTATING REWI.		IVIAX RUL	тогц	Reciprocate 5	PIVI.	Drag Wt. Down:	
Stage 1 - Prima	iry .	7 - 787 ft					
CTU Used:		Top Plug	Used: Y	Annular Flow:		Press. Prior to Bump:	
Circulate Prior:		Bottom PI	ug Used:	Ann Press Held:	Υ	Bump Press.:	
Circulate Flow R	ate:	Bumped F	Plug: N	Float Held:	Y	Press. Over Pumping:	
Circulate Press:		Plug Catc	her Used:	Pill Spotted Below F	Plug:	Duration Press. Held:	
FRESH WATER			常 海	Old Mark A DA A Take	金融		副新疆教育
Pumping Start:	13:47	Slurry Type:		Total Slurry Volume:		Slurry Top MD:	,
Pumping End:	13:49	Class:		Excess Slurry Percent:		Slurry Btm MD:	\
Rate:	5.00 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:		Total Water Vol Used:	•
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:	·		
CEMENT 🗀 🔊			ALC: TO SEE	PERMITTANGE PROPERTY.	yey mar iya		
Pumping Start:	13:50	Slurry Type:		Total Slurry Volume:	120.2 (bbl)	Slurry Top MD:	
Pumping End:	14:14	Class:	PREM PLUS	Excess Slurry Percent:	100.00 (%)	Slurry Btm MD:	
Rate:	7.00 (bbl/min)	Density:	14.80 (ppg)	Excess Measured By:		Total Water Vol Used:	75.6 (bbl)
Foam Job:		Yield:	1.3500 (ft³/sk)	Mix Water Ratio:	6.350 (gal/sk94)	Actual Sacks Used:	500
				Mix Method:			
A	iditive Name	Additive Type		Additive Conc.	Additive Amou	nt	
Ċ,	ALC2	ACCELERATO	R	2.000 % BWOC	19.00 Sacks		
P	OL-E FLAKES	CIRCULATION	LOSSES	0.250 lbs/sk	125.00 lbs		
FRESH WATER		的意思的意思		是我们的自己	建筑装造的 ,以	· · · · · · · · · · · · · · · · · · ·	
Pumping Start:	14:17	Slurry Type:		Total Slurry Volume:		Slurry Top MD:	
Pumping End:	14:31	Class:		Excess Slurry Percent:		Slurry Btm MD:	
Rate:	6.00 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:		Total Water Vol Used:	
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:			

PRIMARY Cementing Report

BRAVO DOME UNIT 1935 362K DEV DRILLING Report Date: 9/1/2011 Project: BRAVO DOME Prim. Reason: ORIG DRILL VERT Report No.: 2 BRAVO DOME C02 UNIT Wellbore: 00 Site: Start Date: 8/29/2011

Active Datum: Original KB @4,459.90ft (above Mean Sea Level) End Date: 9/1/2011

General Job Information Contractor: HALLIBURTON Cemented Assembly PRODUCTION CASING

WOC Time: 7.00 (ft) Assembly Size: 5.500 (in) Actual TOC MD:

Foam Assembly Btm MD: 2146 (ft) TOC Locate Method: Cmt Returns at Surf Cement:

09/01/2011 Not Ready to FN Assembly Set Date: Total Slurry in Well:

Pipe Movement No Movement Rotating Start: Init Rot. Torque: (ft-lbf) Reciprocate Start: Stroke Length: Rotating RPM: Avg Rot. Torq.: Reciprocate End: Drag Wt. Up: Reciprocate SPM: Drag Wt. Down: Stage 1 - Primary 7 . 2.146 ft CTU Used: Top Plug Used: Y Annular Flow: Press. Prior to Bump: 650 (Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press.: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
Rotating Start: Rotating End: Rotating End: Rotating RPM: Reciprocate Start: Reciprocate End: Reciprocate End: Reciprocate SPM: Drag Wt. Up: Reciprocate SPM: Drag Wt. Down: Stage 1 - Primary 7 - 2,146 ft CTU Used: Top Plug Used: Y Annular Flow: Press. Prior to Bump: 650 (Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
Rotating Start: Rotating End: Rotating RPM: Reciprocate Start: Reciprocate End: Reciprocate End: Reciprocate SPM: Drag Wt. Up: Reciprocate SPM: Drag Wt. Up: Reciprocate SPM: Drag Wt. Down: Stage 1 - Primary 7 - 2,146 ft CTU Used: Top Plug Used: Y Annular Flow: Press. Prior to Bump: 650 (Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press.: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
Rotating RPM: Max Rot. Torq.: Reciprocate SPM: Drag Wt. Down: Stage 1 - Primary 7 - 2,146 ft	psi) psi)
Stage 1 - Primary CTU Used: Top Plug Used: Y Annular Flow: Press. Prior to Bump: 650 (Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press.: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
CTU Used: Top Plug Used: Y Annular Flow: Press. Prior to Bump: 650 (Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press.: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
Circulate Prior: Bottom Plug Used: Ann Press Held: Y Bump Press.: 990 (Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held: 5.0 (r	psi) psi)
Circulate Flow Rate: Bumped Plug: Y Float Held: Y Press. Over Pumping: 340 (Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press, Held: 5.0 (r	psi)
Circulate Press: Plug Catcher Used: Pill Spotted Below Plug: Duration Press. Held; 5.0 (r	
	ain)
FRESH WATER	
Pumping Start: 12:09 Slurry Type: SPACER Total Slurry Volume: 0.0 (bbl) Slurry Top MD:	,
Pumping End: 12:11 Class: Excess Slurry Percent: Slurry Btm MD:	
Rate: 8.00 (bbl/min) Density: 8.30 (ppg) Excess Measured By. Total Water Vol Used:	0.0 (bbl)
Foam Job: Yield: Mix Water Ratio: Actual Sacks Used:	
Mix Method:	
LEAD CEMENT	Markey Co.
Pumping Start: 12:12 Slurry Type: CEMENT Total Slurry Volume: 202.6 (bbl) Slurry Top MD:	
Pumping End: 12:35 Class: 50/50 PREM Excess Slurry Percent: 400.00 (%) Slurry Btm MD:	
Rate: 5.00 (bbl/min) Density: 11.10 (ppg) Excess Measured By: Total Water Vol Used:	170.3 (bbl)
Foam Job: Yield: 3.2500 (ft³/sk) Mix Water Ratio: 20.440 (gal/sk94) Actual Sacks Used:	350
Mix Method:	
Additive Name Additive Type Additive Conc. Additive Amount	
CALC2 ACCELERATOR 2.000 % BWOC 20.00 Sacks	
POL-E FLAKES CIRCULATION LOSSES 0.250 lbs/sk 128.00 lbs	·
TAIL CEMENT	
Pumping Start: 12:36 Slurry Type: CEMENT Total Slurry Volume: 49.4 (bbl) Slurry Top MD:	
Pumping End: 12:46 Class: 50/50 PREM Excess Slurry Percent: 400,00 (%) Slurry Btm MD:	
Rate: 5.00 (bbl/min) Density: 13.20 (ppg) Excess Measured By: Total Water Vol Used:	35.5 (bbl)
Foam Job: Yield: 1.8500 (ft³/sk) Mix Water Ratio: 9.950 (gal/sk94) Actual Sacks Used:	150
Mix Method:	
Additive Name Additive Type Additive Conc. Additive Amount	
CALC2 ACCELERATOR 2.000 % BWOC 6.00 Sacks	
POL-E FLAKES CIRCULATION LOSSES 0.250 lbs/sk 38.00 lbs	
FRESH WATER	
Pumping Start: 12:49 Slurry Type: DISPLACEMENT Total Slurry Volume: 0.0 (bbl) Slurry Top MD:	
Pumping End: 12:59 Class: Excess Slurry Percent: Slurry Btm MD;	
Rate: 8.00 (bbl/min) Density: 8.30 (ppg) Excess Measured By: Total Water Vol Used:	0.0 (bbl)
Foam Job: Yield: Mix Water Ratio: Actual Sacks Used:	
Mix Method:	

8/8/2012 8:30:11AM

PRIMARY Cementing Report

BRAVO DOME UNIT 1935 362K

Event Name: DEV DRILLING

Report Date: 9/1/2011

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

2

Site:

BRAVO DOME C02 UNIT

Report No.:

Active Datum: Original KB @4,459.90ft (above Mean Sea Level)

Start Date: End Date:

8/29/2011 9/1/2011

Wellbore:

00

General Job Information

Contractor: HALLIBURTON

Cemented Assembly: PRODUCTION CASING

WOC Time:

Assembly Size: 5.500 (in) 2146 (ft)

Actual TOC MD:

7.00 (ft)

Foam

Assembly Btm MD:

TOC Locate Method:

Cmt Returns at Surf

Cement:

Assembly Set Date: 09/01/2011

Total Slurry in Well:

Not Ready to N Static BHT:

Hole Size:

1,008.1 (bbl)

Returns:

Volume Lost:

7.875 (in)

Excess Slurry Volume: Est Cmt Vol Returns to Surf: 363.0 (bbl)

Pipe Movement - No Movemen	1			
	Rotating			Reciprocating
Rotating Start:	Init Rot. Torque:	(ft-lbf)	Reciprocate Start:	Stroke Length:
Rotating End:	Avg Rot. Torq.:		Reciprocate End:	Drag Wt. Up:
Rotating RPM:	Max Rot. Torq.:		Reciprocate SPM:	Drag Wt. Down:

Stage 1 - Prin	nary	7 - 2,146	ft i				
CTU Used:		Top Plug U	Jsed: Y	Annular Flow:		Press. Prior to Bump:	650 (psi)
Circulate Prior:		Bottom Plu	ıg Used:	Ann Press Held:	Υ	Bump Press.:	990 (psi)
Circulate Flow F	Rate:	Bumped P	lug: Y	Float Held:	Υ	Press. Over Pumping:	340 (psi)
Circulate Press:		Plug Catch	ner Used:	Pill Spotted Below	Plug:	Duration Press. Held:	5.0 (min)
FRESH WATER				1211 1 - 121 1 - 121 1 T			
Pumping Start:	12:09	Slurry Type:	SPACER	Total Slurry Volume:	0.0 (bbl)	Slurry Top MD:	2
Pumping End:	12:11	Class:		Excess Slurry Percent:		Slurry Btm MD:	
Rate:	8.00 (bbl/min)	Density:	8.30 (ppg)	Excess Measured By:		Total Water Vol Used:	0.0 (bbl)
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:			
LEAD CEMENT							
Pumping Start:	12:12	Slurry Type:	CEMENT	Total Slurry Volume:	202.6 (bbl)	Slurry Top MD:	
Pumping End:	12:35	Class:	50/50 PREM	Excess Slurry Percent:	400.00 (%)	Slurry Btm MD:	,
Rate:	5.00 (bbl/min)	Density:	11.10 (ppg)	Excess Measured By:		Total Water Vol Used:	170.3 (bbl)
Foam Job:		Yield:	3.2500 (ft³/sk)	Mix Water Ratio:	20.440 (gal/sk94)	Actual Sacks Used:	350
				Mix Method:			
	Iditive Name	Additive Type		Additive Conc.	Additive Amount	1	
^.							
	ALC2	ACCELERATO		2.000 % BWOC	20.00 Sacks	•	
PC	ALC2 DL-E FLAKES	ACCELERATO CIRCULATION				**************************************	S to the second
PC TAIL CEMENT	DL-E FLAKES	CIRCULATION	LOSSES	2.000 % BWOC 0.250 lbs/sk	20.00 Sacks 128.00 lbs		
PC TAIL CEMENT Pumping Start:	DL-E FLAKES 12:36	CIRCULATION Slurry Type:	CEMENT	2.000 % BWOC 0.250 lbs/sk	20.00 Sacks 128.00 lbs 49.4 (bbl)	Slurry Top MD:	
TAIL CEMENT Pumping Start: Pumping End:	DL-E FLAKES 12:36 12:46	CIRCULATION	CEMENT 50/50 PREM	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent:	20.00 Sacks 128.00 lbs 49.4 (bbl)	Slurry Top MD: Slurry Btm MD:	A CONTRACTOR OF THE CONTRACTOR
TAIL CEMENT Pumping Start: Pumping End: Rate:	DL-E FLAKES 12:36	CIRCULATION Slurry Type: Class: Density:	CEMENT 50/50 PREM 13.20 (ppg)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%)	Slurry Top MD: Slurry Btm MD: Total Water Vol Used:	35.5 (bbl)
TAIL CEMENT Pumping Start: Pumping End:	DL-E FLAKES 12:36 12:46	CIRCULATION Slurry Type: Class:	CEMENT 50/50 PREM	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio:	20.00 Sacks 128.00 lbs 49.4 (bbl)	Slurry Top MD: Slurry Btm MD:	35.5 (bbl) 150
TAIL CEMENT Pumping Start: Pumping End: Rate:	DL-E FLAKES 12:36 12:46	CIRCULATION Slurry Type: Class: Density:	CEMENT 50/50 PREM 13.20 (ppg)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%)	Slurry Top MD: Slurry Btm MD: Total Water Vol Used:	
POTAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job:	DL-E FLAKES 12:36 12:46	CIRCULATION Slurry Type: Class: Density:	CEMENT 50/50 PREM 13.20 (ppg)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%)	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Ad CA	12:36 12:46 5.00 (bbl/min)	CIRCULATION Slurry Type: Class: Density: Yield:	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94)	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Ad CA	12:36 12:46 5.00 (bbl/min) dditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc.	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94)	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Ad CA PC FRESH WATER	12:36 12:46 5.00 (bbl/min) Iditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type ACCELERATO CIRCULATION	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc. 2.000 % BWOC 0.250 lbs/sk	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94) Additive Amount 6.00 Sacks 38.00 lbs	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Ad CA PC FRESH WATER Pumping Start:	12:36 12:46 5.00 (bbl/min) Iditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type ACCELERATO CIRCULATION	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc. 2.000 % BWOC 0.250 lbs/sk Total Slurry Volume:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94) Additive Amount 6.00 Sacks	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Add CA PC FRESH.WATER Pumping Start: Pumping End:	12:36 12:46 5.00 (bbl/min) Iditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type ACCELERATO CIRCULATION Slurry Type: Class:	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk) R LOSSES DISPLACEMENT	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc. 2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94) Additive Amount 6.00 Sacks 38.00 lbs	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used: Slurry Top MD: Slurry Btm MD:	150
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Ad PC PRESH WATER Pumping Start: Pumping End: Rate:	12:36 12:46 5.00 (bbl/min) Iditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type ACCELERATO CIRCULATION Slurry Type: Class: Density:	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk)	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc. 2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94) Additive Amount 6.00 Sacks 38.00 lbs	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used: Slurry Top MD: Slurry Btm MD: Total Water Vol Used:	
TAIL CEMENT Pumping Start: Pumping End: Rate: Foam Job: Add CA PC FRESH:WATER Pumping Start: Pumping End:	12:36 12:46 5.00 (bbl/min) Iditive Name ALC2 DL-E FLAKES	CIRCULATION Slurry Type: Class: Density: Yield: Additive Type ACCELERATO CIRCULATION Slurry Type: Class:	CEMENT 50/50 PREM 13.20 (ppg) 1.8500 (ft³/sk) R LOSSES DISPLACEMENT	2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent: Excess Measured By: Mix Water Ratio: Mix Method: Additive Conc. 2.000 % BWOC 0.250 lbs/sk Total Slurry Volume: Excess Slurry Percent:	20.00 Sacks 128.00 lbs 49.4 (bbl) 400.00 (%) 9.950 (gal/sk94) Additive Amount 6.00 Sacks 38.00 lbs	Slurry Top MD: Slurry Btm MD: Total Water Vol Used: Actual Sacks Used: Slurry Top MD: Slurry Btm MD:	150

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